

Zhiping Zhou

List of Publications by Year in descending order

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164
papers

3,655
citations

147726

31
h-index

189801

50
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166
all docs

166
docs citations

166
times ranked

2881
citing authors

#	ARTICLE	IF	CITATIONS
1	Bio-inspired fabrication of superhydrophilic nanocomposite membrane based on surface modification of SiO ₂ anchored by polydopamine towards effective oil-water emulsions separation. <i>Separation and Purification Technology</i> , 2019, 209, 434-442.	3.9	180
2	Facile preparation of grass-like structured NiCo-LDH/PVDF composite membrane for efficient oil-water emulsion separation. <i>Journal of Membrane Science</i> , 2019, 573, 226-233.	4.1	157
3	Ultrahigh adsorption of typical antibiotics onto novel hierarchical porous carbons derived from renewable lignin via halloysite nanotubes-template and in-situ activation. <i>Chemical Engineering Journal</i> , 2016, 304, 609-620.	6.6	130
4	An eco-friendly molecularly imprinted fluorescence composite material based on carbon dots for fluorescent detection of 4-nitrophenol. <i>Mikrochimica Acta</i> , 2016, 183, 2197-2203.	2.5	110
5	Molecular Weight Distribution of Hyperbranched Polymers Generated by Self-Condensing Vinyl Polymerization in Presence of a Multifunctional Initiator. <i>Macromolecules</i> , 1999, 32, 245-250.	2.2	88
6	Molecular Weight Distribution of Hyperbranched Polymers Generated from Polycondensation of AB ₂ Type Monomers in the Presence of Multifunctional Core Moieties. <i>Macromolecules</i> , 1999, 32, 819-824.	2.2	86
7	Synthesis and characterization of fluorescence molecularly imprinted polymers as sensor for highly sensitive detection of dibutyl phthalate from tap water samples. <i>Sensors and Actuators B: Chemical</i> , 2017, 240, 1114-1122.	4.0	73
8	Development of composite membranes with irregular rod-like structure via atom transfer radical polymerization for efficient oil-water emulsion separation. <i>Journal of Colloid and Interface Science</i> , 2019, 533, 278-286.	5.0	73
9	Synthesis of magnetic molecularly imprinted polymer particles for selective adsorption and separation of dibenzothiophene. <i>Mikrochimica Acta</i> , 2012, 179, 123-130.	2.5	65
10	Design of Self-Healing Rubber by Introducing Ionic Interaction To Construct a Network Composed of Ionic and Covalent Cross-Linking. <i>Industrial & Engineering Chemistry Research</i> , 2019, 58, 14848-14858.	1.8	65
11	Highly-controllable imprinted polymer nanoshell at the surface of magnetic halloysite nanotubes for selective recognition and rapid adsorption of tetracycline. <i>RSC Advances</i> , 2014, 4, 7967.	1.7	64
12	Features of strain-induced crystallization of natural rubber revealed by experiments and simulations. <i>Polymer Journal</i> , 2017, 49, 309-317.	1.3	59
13	A tailored molecular imprinting ratiometric fluorescent sensor based on red/blue carbon dots for ultrasensitive tetracycline detection. <i>Journal of Industrial and Engineering Chemistry</i> , 2019, 72, 100-106.	2.9	59
14	Constructing carbon dots and CdTe quantum dots multi-functional composites for ultrasensitive sensing and rapid degrading ciprofloxacin. <i>Sensors and Actuators B: Chemical</i> , 2019, 289, 242-251.	4.0	54
15	Synthesis of surface molecular imprinting polymer on SiO ₂ -coated CdTe quantum dots as sensor for selective detection of sulfadimidine. <i>Applied Surface Science</i> , 2017, 404, 188-196.	3.1	53
16	Kinetic analysis of the polycondensation of AB _g type monomer with a multifunctional core. <i>Polymer</i> , 2000, 41, 4549-4558.	1.8	51
17	Surface molecular imprinting on hybrid SiO ₂ -coated CdTe nanocrystals for selective optosensing of bisphenol A and its optimal design. <i>Applied Surface Science</i> , 2015, 345, 405-417.	3.1	51
18	Facile polymerizable surfactant inspired synthesis of fluorescent molecularly imprinted composite sensor via aqueous CdTe quantum dots for highly selective detection of β -cyhalothrin. <i>Sensors and Actuators B: Chemical</i> , 2016, 224, 315-324.	4.0	51

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19	Synthesis of molecularly imprinted silica nanospheres embedded mercaptosuccinic acid-coated CdTe quantum dots for selective recognition of Î»-cyhalothrin. <i>Journal of Luminescence</i> , 2014, 153, 326-332.	1.5	49
20	Nucleation details of nanohybrid shish-kebabs in polymer solutions studied by molecular simulations. <i>Polymer</i> , 2015, 76, 1-7.	1.8	46
21	Synthesis and Characterization of a Surface Molecular Imprinted Polymer as a New Adsorbent for the Removal of Dibenzothiophene. <i>Journal of Chemical & Engineering Data</i> , 2012, 57, 1713-1720.	1.0	44
22	Dynamic Monte Carlo simulations of effects of nanoparticle on polymer crystallization in polymer solutions. <i>Computational Materials Science</i> , 2018, 147, 217-226.	1.4	44
23	Fabrication of lithium ion imprinted hybrid membranes with antifouling performance for selective recovery of lithium. <i>New Journal of Chemistry</i> , 2018, 42, 118-128.	1.4	43
24	Preparation and evaluation of hollow molecular imprinted polymer for adsorption of dibenzothiophene. <i>Applied Surface Science</i> , 2012, 258, 6583-6589.	3.1	42
25	Highly-controllable imprinted polymer nanoshell at the surface of silica nanoparticles based room-temperature phosphorescence probe for detection of 2,4-dichlorophenol. <i>Analytica Chimica Acta</i> , 2015, 870, 83-91.	2.6	41
26	Distribution function of hyperbranched polymers formed by AB2 type polycondensation with substitution effect. <i>Polymer</i> , 2006, 47, 1473-1479.	1.8	40
27	A General Model for the Kinetics of Self-Condensing Vinyl Polymerization. <i>Macromolecules</i> , 2008, 41, 4429-4434.	2.2	38
28	Molecularly imprinted polymer nanospheres based on Mn-doped ZnS QDs via precipitation polymerization for room-temperature phosphorescence probing of 2,6-dichlorophenol. <i>RSC Advances</i> , 2015, 5, 19799-19806.	1.7	38
29	Facile synthesis of degradable CA/CS imprinted membrane by hydrolysis polymerization for effective separation and recovery of Li+. <i>Carbohydrate Polymers</i> , 2019, 205, 492-499.	5.1	37
30	Specific recognition and fluorescent determination of aspirin by using core-shell CdTe quantum dot-imprinted polymers. <i>Mikrochimica Acta</i> , 2015, 182, 1527-1534.	2.5	34
31	Ratiometric fluorescence nanosensors based on core-shell structured carbon/CdTe quantum dots and surface molecularly imprinted polymers for the detection of sulfadiazine. <i>Journal of Separation Science</i> , 2018, 41, 4394-4401.	1.3	32
32	Molecular simulations of crystallization behaviors of polymers grafted on two-dimensional filler. <i>Polymer</i> , 2016, 100, 10-18.	1.8	31
33	Simple synthesis of thioglycolic acid-coated CdTe quantum dots as probes for Norfloxacin lactate detection. <i>Journal of Luminescence</i> , 2015, 161, 47-53.	1.5	30
34	Relaxation and Crystallization of Oriented Polymer Melts with Anisotropic Filler Networks. <i>Journal of Physical Chemistry B</i> , 2017, 121, 1426-1437.	1.2	30
35	Molecular simulations of microscopic mechanism of the effects of chain length on stereocomplex formation in polymer blends. <i>Computational Materials Science</i> , 2020, 172, 109297.	1.4	30
36	Mean-square radius of gyration of polymer chains. <i>Macromolecular Theory and Simulations</i> , 1997, 6, 597-611.	0.6	29

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37	A novel molecularly imprinted polymer thin film at surface of ZnO nanorods for selective fluorescence detection of para-nitrophenol. <i>RSC Advances</i> , 2015, 5, 44088-44095.	1.7	29
38	Controllability of Polymer Crystal Orientation Using Heterogeneous Nucleation of Deformed Polymer Loops Grafted on Two-Dimensional Nanofiller. <i>Journal of Physical Chemistry B</i> , 2017, 121, 6685-6690.	1.2	29
39	Robust, fluorine-free and superhydrophobic composite melamine sponge modified with dual silanized SiO ₂ microspheres for oil/water separation. <i>Chinese Journal of Chemical Engineering</i> , 2021, 33, 50-60.	1.7	28
40	Self-healing Polyurethane Elastomer Based on Molecular Design: Combination of Reversible Hydrogen Bonds and High Segment Mobility. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2021, 31, 683-694.	1.9	28
41	Kinetic model of star-branched polycondensation. <i>Macromolecular Theory and Simulations</i> , 1998, 7, 13-18.	0.6	27
42	Rational preparation of dibenzothiophene-imprinted polymers by surface imprinting technique combined with atom transfer radical polymerization. <i>Applied Surface Science</i> , 2013, 282, 809-819.	3.1	26
43	SiO ₂ -MIP core-shell nanoparticles containing gold nanoclusters for sensitive fluorescence detection of the antibiotic erythromycin. <i>Mikrochimica Acta</i> , 2017, 184, 2241-2248.	2.5	26
44	Intrinsic correlations between dynamic heterogeneity and conformational transition in polymers during glass transition. <i>Journal of Chemical Physics</i> , 2014, 141, 074901.	1.2	25
45	Polymer Nanocomposites: Role of modified filler content and interfacial interaction on crystallization. <i>European Polymer Journal</i> , 2022, 162, 110894.	2.6	25
46	Versatile Method To Obtain Homogeneous Imprinted Polymer Thin Film at Surface of Superparamagnetic Nanoparticles for Tetracycline Binding. <i>Industrial & Engineering Chemistry Research</i> , 2014, 53, 7157-7166.	1.8	24
47	Temperature Dependence of Structural Properties and Chain Configurational Study: A Molecular Dynamics Simulation of Polyethylene Chains. <i>Macromolecular Theory and Simulations</i> , 2015, 24, 335-343.	0.6	24
48	Effect of the polymer-substrate interactions on crystal nucleation of polymers grafted on a flat solid substrate as studied by molecular simulations. <i>Polymer</i> , 2017, 123, 169-178.	1.8	24
49	Fabrication of acrylamide decorated superhydrophilic and underwater superoleophobic poly(vinylidene fluoride) membranes for oil/water emulsion separation. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2019, 95, 300-307.	2.7	24
50	Interface engineered 2D/2D Ni(OH) ₂ /Bi ₄ Ti ₃ O ₁₂ nanocomposites with higher charge transfer towards improving photocatalytic activity. <i>Journal of Alloys and Compounds</i> , 2020, 816, 152530.	2.8	24
51	Molecular dynamics simulations of nucleation details in stretched polyethylene. <i>Polymer</i> , 2020, 195, 122442.	1.8	24
52	Mean-Square Radius of Gyration and Degree of Branching of Highly Branched Copolymers Resulting from the Copolymerization of AB ₂ With AB Monomers. <i>Macromolecular Theory and Simulations</i> , 2004, 13, 724-730.	0.6	23
53	A mesoporous fluorescent sensor based on ZnO nanorods for the fluorescent detection and selective recognition of tetracycline. <i>RSC Advances</i> , 2016, 6, 71061-71069.	1.7	23
54	Theoretical investigation on the polyaddition of A ₂ and CB ₂ monomers with non-equal reactivity. <i>Polymer</i> , 2009, 50, 5608-5612.	1.8	21

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55	Synthesis of cauliflower-like ion imprinted polymers for selective adsorption and separation of lithium ion. <i>New Journal of Chemistry</i> , 2018, 42, 14502-14509.	1.4	21
56	Dynamic Monte Carlo simulations of competition in crystallization of mixed polymers grafted on a substrate. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2019, 57, 89-97.	2.4	21
57	Monte Carlo simulations of stereocomplex formation in multiblock copolymers. <i>Physical Chemistry Chemical Physics</i> , 2019, 21, 13296-13303.	1.3	20
58	Visual monitoring of trace water in organic solvents based on ecofriendly b/r-CDs ratiometric fluorescence test paper. <i>Talanta</i> , 2020, 216, 120958.	2.9	20
59	Selective Adsorption of Dibenzothiophene Using Magnetic Molecularly Imprinted Polymers. <i>Adsorption Science and Technology</i> , 2012, 30, 331-343.	1.5	19
60	Blocked crystallization in capped ultrathin polymer films studied by molecular simulations. <i>Polymer International</i> , 2019, 68, 218-224.	1.6	19
61	Superhydrophobic sponge with the rod-spherical microstructure via palygorskite-catalyzed hydrolysis and condensation of vinyltriethoxysilane for oil-water separation. <i>Applied Clay Science</i> , 2020, 199, 105872.	2.6	19
62	Carbon dots incorporated metal-organic framework for enhancing fluorescence detection performance. <i>Journal of Materials Science</i> , 2020, 55, 14153-14165.	1.7	19
63	Kinetic theory of self-condensing vinyl polymerization. <i>Science China Chemistry</i> , 2010, 53, 2429-2439.	4.2	18
64	Polymer crystal nucleation with confinement-enhanced orientation dominating the formation of nanohybrid shish-kebabs with multiple shish. <i>RSC Advances</i> , 2016, 6, 50451-50459.	1.7	18
65	Construction of superhydrophilic and underwater superoleophobic membranes via in situ oriented NiCo-LDH growth for gravity-driven oil/water emulsion separation. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2019, 104, 240-249.	2.7	18
66	Stereocomplex formation in mixed polymers filled with two-dimensional nanofillers. <i>Physical Chemistry Chemical Physics</i> , 2019, 21, 6443-6452.	1.3	18
67	Effect of Multifunctional Initiator on Self-Condensing Vinyl Polymerization with Nonequal Molar Ratio of Stimulus to Monomer. <i>Macromolecules</i> , 2009, 42, 4047-4052.	2.2	17
68	Preparation and characterization of magnetic molecularly imprinted polymers for selective recognition of 3-methylindole. <i>Journal of Applied Polymer Science</i> , 2013, 130, 2859-2866.	1.3	17
69	One-dimensional nanofiller induced crystallization in random copolymers studied by dynamic Monte Carlo simulations. <i>Molecular Simulation</i> , 2020, 46, 669-677.	0.9	17
70	Preparation and properties study of waterborne polyurethane synthesized by mixing polyester diols and isocyanates. <i>Journal of Applied Polymer Science</i> , 2020, 137, 49314.	1.3	17
71	Narrowly dispersed imprinted microspheres with hydrophilic polymer brushes for the selective removal of sulfamethazine. <i>RSC Advances</i> , 2014, 4, 1965-1973.	1.7	16
72	A biomimetic <i>Setaria viridis</i> -inspired imprinted nanoadsorbent: green synthesis and application to the highly selective and fast removal of sulfamethazine. <i>RSC Advances</i> , 2016, 6, 9619-9630.	1.7	16

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73	The effect of molecular weight of polymers grafted in two-dimensional filler on crystallization behaviors studied by dynamic Monte Carlo simulations. <i>Computational Materials Science</i> , 2018, 155, 144-150.	1.4	16
74	Formation mechanism of reverse kebab structure inside hollow nanotubes studied by molecular simulations. <i>Computational Materials Science</i> , 2018, 153, 348-355.	1.4	16
75	Molecular simulation of crystallization of polymers confined in cylindrical nanodomain. <i>Polymer</i> , 2020, 206, 122818.	1.8	16
76	Configurational-conformational statistics of atactic polypropylene. <i>Polymer</i> , 1993, 34, 2830-2835.	1.8	15
77	Kinetic analysis of AB ₂ polycondensation in the presence of multifunctional cores with various reactivities. <i>Polymer</i> , 2012, 53, 3386-3391.	1.8	15
78	The Length of Hydrophobic Chain in Amphiphilic Polypeptides Regulates the Efficiency of Gene Delivery. <i>Polymers</i> , 2018, 10, 379.	2.0	15
79	Effect of interface on bulk polymer: control of glass transition temperature of rubber. <i>Journal of Polymer Research</i> , 2018, 25, 1.	1.2	15
80	Correlation between molecular weight and confined crystallization behavior of polymers grafted onto a zero-dimensional filler. <i>CrystEngComm</i> , 2020, 22, 1779-1788.	1.3	15
81	Blending polar rubber with polyurethane to construct self-healing rubber with multiple hydrogen bond networks. <i>Polymer</i> , 2022, 246, 124768.	1.8	15
82	Preparation of silica-based surface-imprinted core-shell nanoadsorbents for the selective recognition of sulfamethazine via reverse atom transfer radical precipitation polymerization. <i>Journal of Polymer Research</i> , 2014, 21, 1.	1.2	14
83	Epitaxial orientation and localized microphase separation prior to formation of nanohybrid shish-kebabs induced by one-dimensional nanofiller in miscible diblock copolymers with selective interaction. <i>Polymer</i> , 2019, 166, 72-80.	1.8	14
84	Insights into the Crystallization of Polymer Nanocomposite Systems Blended with Grafted and Free Chains Studied by Molecular Simulation. <i>Crystal Growth and Design</i> , 2021, 21, 2243-2254.	1.4	14
85	Improved expression of mean-square radius of gyration. I. Vinyl polymers. <i>Journal of Chemical Physics</i> , 1992, 96, 4792-4800.	1.2	13
86	Magnetic and hydrophilic imprinted particles via ATRP at room temperature for selective separation of sulfamethazine. <i>Colloid and Polymer Science</i> , 2014, 292, 333-342.	1.0	13
87	Preparation and application of sulfadiazine surface molecularly imprinted polymers with temperature-responsive properties. <i>Journal of Applied Polymer Science</i> , 2015, 132, .	1.3	13
88	Role of oxygen vacancies in V-doped ZnO diluted magnetic semiconductors. <i>Journal of Materials Science: Materials in Electronics</i> , 2015, 26, 2466-2470.	1.1	13
89	Magnetic organic-inorganic nanocomposite with ultrathin imprinted polymers via an in situ surface-initiated approach for specific separation of chloramphenicol. <i>RSC Advances</i> , 2016, 6, 70383-70393.	1.7	13
90	The Distribution of Glass Transition Temperatures in Ultrathin Polymer Films Controlled by Segment Density or Interfacial Interaction. <i>Macromolecular Theory and Simulations</i> , 2016, 25, 187-195.	0.6	13

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91	Surface molecularly imprinted polymers based ZnO quantum dots as fluorescence sensors for detection of diethylhexyl phthalate with high sensitivity and selectivity. <i>Polymer International</i> , 2018, 67, 1003-1010.	1.6	13
92	Laminate design, optimization, and testing of an innovative carbon fiber-reinforced composite sandwich panel for high-speed train. <i>Polymer Composites</i> , 2021, 42, 5811-5829.	2.3	13
93	Third-order interaction approximation for linear polymer chains. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 1991, 29, 877-882.	2.4	12
94	Kinetic analysis of self-condensing vinyl polymerization with unequal reactivities. <i>Science Bulletin</i> , 2008, 53, 3516-3521.	4.3	12
95	Effect of slow monomer addition on molecular parameters of hyperbranched polymers synthesized in the presence of multifunctional core molecules. <i>Science China Chemistry</i> , 2010, 53, 891-897.	4.2	12
96	Kinetic analysis of co-polycondensation of AB ₂ and AB type monomers in presence of multi-functional cores. <i>Polymer</i> , 2010, 51, 2763-2768.	1.8	12
97	Structural characteristics of a cooperatively rearranging region during the glass transition of a polymer system. <i>RSC Advances</i> , 2015, 5, 17726-17731.	1.7	12
98	Core-shell emulsion polymerization of styrene and butyl acrylate in the presence of polymerizable emulsifier. <i>Journal of Applied Polymer Science</i> , 2016, 133, .	1.3	12
99	Segmental dynamics in interfacial region of composite materials. <i>Monatshefte für Chemie</i> , 2017, 148, 1285-1293.	0.9	12
100	The influences of grafting density and polymer-nanoparticle interaction on crystallisation of polymer composites. <i>Molecular Simulation</i> , 2020, 46, 678-688.	0.9	12
101	Molecular simulation of polymer crystallization under chain and space confinement. <i>Physical Chemistry Chemical Physics</i> , 2021, 23, 17382-17391.	1.3	12
102	Surface imprinted polymers for oil denitrification with the combination of computational simulation and multi-template molecular imprinting. <i>Polymers for Advanced Technologies</i> , 2015, 26, 476-486.	1.6	11
103	Development of surface imprinting polymer as a selective adsorbent for adsorbing and separating dibenzothiophene from fuel oil. <i>Research on Chemical Intermediates</i> , 2015, 41, 2619-2633.	1.3	11
104	Synthesis and evaluation of a molecularly imprinted polymer with high-efficiency recognition for dibutyl phthalate based on Mn-doped ZnS quantum dots. <i>RSC Advances</i> , 2016, 6, 54615-54622.	1.7	11
105	Improved expression of the mean-square radius of gyration, 2. <i>Poly(1,1-disubstituted ethylene)s. Macromolecular Theory and Simulations</i> , 1995, 4, 155-164.	0.6	10
106	Surface hydrophilic imprinted particles via a green precipitation polymerization for selective removal of tetracycline from aqueous solution. <i>Journal of the Iranian Chemical Society</i> , 2016, 13, 489-497.	1.2	10
107	A smart gene delivery platform: Cationic oligomer. <i>European Journal of Pharmaceutical Sciences</i> , 2017, 105, 33-40.	1.9	10
108	Mean-square radius of gyration of polysiloxanes. <i>Macromolecular Theory and Simulations</i> , 1997, 6, 161-168.	0.6	9

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109	Rational design and preparation for novel denitrogenation adsorbents by computational simulation and improved atom transfer radical polymerization. <i>New Journal of Chemistry</i> , 2013, 37, 2758.	1.4	9
110	One-pot method for obtaining hydrophilic tetracycline-imprinted particles via precipitation polymerization in ethanol. <i>Journal of Applied Polymer Science</i> , 2014, 131, .	1.3	9
111	Core-Shell Magnetic Molecularly Imprinted Polymer Prepared for Selectively Removed Indole from Fuel Oil. <i>Advances in Polymer Technology</i> , 2017, 36, 168-176.	0.8	9
112	The Effect of Grafting Density on the Crystallization Behaviors of Polymer Chains Grafted onto One-Dimensional Nanorod. <i>Advances in Polymer Technology</i> , 2019, 2019, 1-10.	0.8	9
113	Reinforcement and Toughening of Rubber by Bridging Graphene and Nanosilica. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2020, 30, 337-348.	1.9	9
114	Competition Between Interfacial Interaction and Microphase Separation in Crystallization of Filled Block Copolymers. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2019, 57, 1516-1526.	2.4	8
115	Molecularly imprinted polymers-captivity ZnO nanorods for sensitive and selective detecting environmental pollutant. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2020, 228, 117785.	2.0	8
116	Multilayer onion-like vesicles self-assembled from amphiphilic hyperbranched multiarm copolymers via simulation. <i>Journal of Polymer Science</i> , 2020, 58, 704-715.	2.0	8
117	Coordination-driven in-situ self-assembled prussian blue/alginate hydrogels composite mesh with underwater superoleophobicity for oil/water separation and self-cleaning performance. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2021, 126, 341-350.	2.7	8
118	Precursor formation and crystal nucleation in stretched polyethylene/carbon nanotube nanocomposites. <i>Polymer</i> , 2022, 239, 124438.	1.8	8
119	Configurational-conformational statistics of stereoirregular poly(methyl methacrylate)s. <i>Journal of Macromolecular Science - Physics</i> , 1999, 38, 217-225.	0.4	7
120	Kinetic treatment for the copolycondensation of A2 and CB2 monomers with non-equal reactivity. <i>Polymer</i> , 2011, 52, 5387-5392.	1.8	7
121	Temperature Dependence of Polypropylene Configurations. <i>Macromolecular Theory and Simulations</i> , 2014, 23, 76-83.	0.6	7
122	Rational design and preparation of dibenzothiophene-targeting molecularly imprinted polymers with molecular dynamics approaches and surface-initiated activators regenerated by electron-transfer atom-transfer radical polymerization. <i>Journal of Applied Polymer Science</i> , 2015, 132, .	1.3	7
123	Swelling technique inspired synthesis of a fluorescent composite sensor for highly selective detection of bifenthrin. <i>RSC Advances</i> , 2015, 5, 79511-79518.	1.7	7
124	Preparation and fluid drag reduction properties of superhydrophobic paper-based films comprising carbon nanotubes and fluoropolymers. <i>Science and Engineering of Composite Materials</i> , 2017, 24, 177-184.	0.6	7
125	Fluorometric determination of sulfadiazine by using molecularly imprinted poly(methyl methacrylate) nanobeads doped with manganese(II)-doped ZnS quantum dots. <i>Mikrochimica Acta</i> , 2019, 186, 625.	2.5	7
126	Configurational-conformational statistics of stereoirregular polystyrene. <i>Macromolecular Theory and Simulations</i> , 1996, 5, 939-945.	0.6	6

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127	Comparative Study on Dynamical Heterogeneity of Ring and Linear Polymers. <i>Macromolecular Theory and Simulations</i> , 2016, 25, 9-15.	0.6	6
128	The effect of grafting density on the crystallization behavior of one-dimensional confined polymers. <i>Journal of Applied Polymer Science</i> , 2021, 138, 50064.	1.3	6
129	Studying the effects of carbon nanotube contents on stretch-induced crystallization behavior of polyethylene/carbon nanotube nanocomposites using molecular dynamics simulations. <i>Physical Chemistry Chemical Physics</i> , 2022, 24, 16021-16030.	1.3	6
130	Kinetic analysis of A ₂ +A _B +B ₃ hyperbranched polymerization approach. <i>Polymer</i> , 2014, 55, 2952-2958.	1.8	5
131	The Radius of Gyration of the Products of Hyperbranched Polymerization. <i>Macromolecular Theory and Simulations</i> , 2014, 23, 218-226.	0.6	5
132	The orientational orders of poly(β -phenethyl L-aspartate) in two opposite \pm -helical form: a molecular dynamic simulation. <i>Monatshefte für Chemie</i> , 2017, 148, 1251-1258.	0.9	5
133	Kinetic theory of A ₂ +B ₃ +B ₂ type hyperbranched polymerization. <i>Polymer</i> , 2019, 185, 121985.	1.8	5
134	One-step Condensation/copolymerization of VTES and DVB for Self-assembly Bionic Superhydrophobic Surface Coating and Study on Oil-water Separation. <i>Journal of Bionic Engineering</i> , 2021, 18, 559-573.	2.7	5
135	Novel Electrochemical Sensor Based on Molecularly Imprinted Polymers with MWCNTs-SiO ₂ for Selective and Sensitive Detecting 2,4-D. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2022, 32, 572-582.	1.9	5
136	Theoretical study on the linking process of divinyl compounds with living precursors, 1. Uniform precursor chains. <i>Macromolecular Theory and Simulations</i> , 1997, 6, 1211-1235.	0.6	4
137	Kinetic Analysis of the Amphiphilic Star Block Copolymerization. <i>Macromolecular Theory and Simulations</i> , 2012, 21, 83-89.	0.6	4
138	Synthesis of Hyperbranched Multiarm Star Block Copolymers and Their Application as a Drug Delivery System. <i>Advances in Polymer Technology</i> , 2013, 32, .	0.8	4
139	Preparation and Properties of Magnetic Molecularly Imprinted Polymers and Their Use as Adsorbents for Selective Adsorption of Indole. <i>Adsorption Science and Technology</i> , 2014, 32, 509-519.	1.5	4
140	Surface imprinted core-shell nanorod with ultrathin water-compatible polymer brushes for specific recognition and adsorption of sulfamethazine in water medium. <i>Journal of Applied Polymer Science</i> , 2014, 131, .	1.3	4
141	Optimal design of an imprinted preassembled system by quantum chemical calculations and preparation of a surface-imprinted material for the selective removal of quinoline. <i>Journal of Applied Polymer Science</i> , 2015, 132, .	1.3	4
142	Preparation of a novel magnetic and thermo-responsive composite and its application in drug release. <i>Monatshefte für Chemie</i> , 2017, 148, 1205-1213.	0.9	4
143	Molecular simulations of fragility of linear and ring polymers. <i>Computational Materials Science</i> , 2018, 142, 200-205.	1.4	4
144	Preparation of Epoxidized Natural Rubbers with Improved Aging Resistance by Covalently Bridging Graphene and Antioxidants. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2020, 30, 1553-1565.	1.9	4

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